

METHODS AND COMPOUNDS FOR PREVENTION OF GRAFT REJECTION

Abstract of the Disclosure

Disclosed is a method of localized immunosuppression which may be used for preventing graft rejection or for preventing tissue destruction due to autoimmune disease. Also disclosed is a protein suppressor factor that is secreted by cloned anergic T-cells, blocks interleukin 2 (IL-2) stimulated T-cell proliferation, has an apparent molecular weight of between 10 and 30 kilodaltons, can be inactivated by heating to 65°C for 15 minutes, blocks interleukin 4 (IL-4) stimulated T-cell proliferation *in vitro*, is non-cytotoxic to T-cells, and does not inhibit the production of IL-2 by T-cells *in vitro*.

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